

Engineering & Design Standards				
Edits to 2019 Edition for 2019 mid-year update				Changes in blue highlighted at the August 14, 2019 Developers Advisory Forum Changes in red made as a result of review comments (posted for review 8-15-19 to 9-15-19)
	Section/Chapter			
Page	Previous	Current	Topic	Changes
142	901.1	901.1	General	minor edits
	908.3	908.2.1	Luminaires	Modify chapter organization
	908.4	908.2.2	Luminaires	Modify chapter organization
	908.5-908.11	908.3-908.10	Streetlight Fixtures and Poles	Modify chapter organization/Minor text edits
	908.12-908.19	908.10.1- 908.10.8	Conduits	Modify chapter organization
	909.5-909.7	909.4.1-909.4.3	Streetlight Circuit	Modify chapter organization
	909.8-	909.5-		Modify chapter organization,
	909.8	909.5	Photo control circuit	minor edits
	909.9	905.1	Photo control circuit	Modify chapter organization
		909.5.2	Photo control circuit	Add subsection. Moves conductor type for circuits from 909.14 and eliminates the option to use of white tape to identify the neutral instead of using white wire
	909.1	909.7	Wire	
	909.11	deleted		Modify chapter organization
	909.12	909.3.1	Power Circuit	Modify chapter organization
	909.13	909.4.4	Streetlight Circuit	Modify chapter organization
	909.14	909.5.2	Photo control circuit	Modify chapter organization
	909.15	deleted		Modify chapter organization
	909.16	909.3.2	Power Circuit	Modify chapter organization
	909.17	909.4.5	Streetlight Circuit	Modify chapter organization
	909.18			
	909.19	909.6	Streetlight Pole	Modify chapter organization
	909.20.	909.7.1	Ground (bond)	
145	907.1		Lighting Analysis	minor edits
145	907.2		Lighting Analysis Exemption	adds parameters for granting an exemption to the lighting analysis requirement
145	907.3		Lighting Analysis	minor edits
146	908.6	908.4	Optics	Adds requirement for luminaires to have an option for a field installable shield. Adds requirements for lumen maintenance and accredited IES file source.
147		908.5	Nodes	Add section that requires all new fixtures to include connector node hardware with a 10-year service agreement and hardware warranty commissioned to the City.
151	914.1		Streetlight location	minor edits
151	914.4		Streetlights on Major Streets	Updates restriction on median lighting to say it may only be installed when approved by the City Transportation Department.
151	914.12		Curb offsets	minor edits
152	915.3		Clearances	minor edits
153	917.2		Fixtures in Desert Uplands	Removes HPS fixtures as an option and specifies the LED color temperature of 3000K be used.
153	918.2	918.1.1	Poles	Modify chapter organization/Minor text edits
153	918.3	918.2	Lighting control cabinets	Modify chapter organization
153-154	918.4-918.10	918.2.1-918.2.6	Lighting control cabinets	Modify chapter organization
154	918.8	deleted		Deletes obsolete statement that the lighting control panel will be furnished and installed by the City. This has not been the practice for a number of years due to changes in manufacturing practices.
154	918.11	918.3		Modify chapter organization
154	918.12-918.20	918.3.1-918.3.9		Modify chapter organization
154	918.21	deleted		Deletes point of service pull box size.
155	919.5		Future Streetlight Locations	Clarifies that future streetlights and any lighting utilized in the lighting analysis shall be shown on the streetlight plans and that future streetlights shall be clearly identified as future.